

Product datasheet for RN213853

Pa2g4 (NM_001004206) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pa2g4 (NM_001004206) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pa2g4
 Synonyms: Ebp1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN213853 representing NM_001004206
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGCGAAGACGAGCAGCAGGAGCAAACATCGCCGAGGACCTGGTCGTGACCAAGTATAAGATGG
 GGGGCGACATCGCAACCGGGTCTTCGATCTTTGGTGAAGCTTCTAGCTCAGGTGTCTGTACTGAG
 CTTGTGTGAGAAAGGTGACGCCATGATTATGGAAGAGACAGGGAAGATCTCAAGAAGGAGAAGGAGATG
 AAGAAAGGTATTGCCTTTCTACCAGCATTTCGGTAAATAACTGTGTGTGCACTTCTCCCTTTGAAGA
 GTGACCAGGACTATATACTCAAGGAAGGCGACTTGGTAAAAATTGACCTTGGGGTTCATGTGGATGGCTT
 CATTGCCAACGTGGCTCACACTTTTGAATTGGTGTAGCTCAGGGGTCCCAGGTAACAGGTCCGAAAGCA
 GATGTCATTAAGGCTGCTCACTTATGTGCCAAGCTGCTTACGACTGGTCAAACCTGGAACCAGAAACA
 CACAAGTGACAGAAGCCTGGAACAAAGTCGTCATTCAATTAAGTGCACGCCAATAGAAGGTATGCTGTC
 ACACCAGTTGAAGCAGCATGTGATTGATGGAGAGAAAACCATTATCCAGAATCCTACAGACCAGCAGAAG
 AAGGACCACGAAAAGGCAGAATTTGAAGTGCATGAGGTTTATGCTGTGGATGTCCTCGTCAGCTCAGGAG
 AAGGCAAGGCCAAAGATGCAGGACAGAGAACCACCATTTACAAGCGAGACCCCTTAAACAATATGGCCT
 GAAAATGAAAACCTCACGTGCCTTTTTCAGTGAGGTGGAAGGCGTTTTGATGCTATGCCCTTTACTTTA
 AGAGCATTGAGGATGAGAAGAAGGCTCGAATGGGTGGTGGAGTGCGCCAAGCATGAGTTACTACAGC
 CATTCAACGTTCTCTATGAGAAGGAGGGTGAAGTTGTTGCCAGTTTAAATTTACAGTTCTACTCATGCC
 CAATGGCCCCATGCGGATAACCAGTGGTCCCTTTGAGCCCGACCTGTACAAGTCTGAGATGGAGGTTGAG
 GATGCAGAGCTGAAGGCTCTTCTCCAGAGCTCTGCAAGTCGAAAAACCCAGAAAAAGAAGAAAAAGAGG
 CCTCAAGACTGCAGAGAACGCCACCAGTGAGAGACATTAGAGGAGAATGGAGCTGGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001004206
Insert Size:	1185 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001004206.1, NP_001004206.1</u>
RefSeq Size:	1602 bp
RefSeq ORF:	1185 bp
Locus ID:	288778
UniProt ID:	<u>Q6AYD3</u>
Cytogenetics:	7q11
Gene Summary:	human and mouse homologs may be involved in coordinating ribosome biosynthesis and cell proliferation [RGD, Feb 2006]